

WATER HEATING WORKSHEET

DHW-1

Project Title _____

Date _____

No. of Different Water Heater Types: _____

Total No. of Water Heaters: _____

Conditioned Floor Area (CFA): _____ ft²

Notes: For single family dwellings with multiple water heaters, also submit DHW-2A. For multi-family buildings, also submit DHW-2B.

Heater Type # _____ Data**A. Water Heater Type** (check one)

- ☐ Storage Gas
- ☐ Large Storage Gas
- ☐ Storage Electric
- ☐ Storage Heat Pump
- ☐ Instantaneous Gas
- ☐ Instantaneous Electric
- ☐ Indirect Gas

B. Manufacturer _____**C. Model No.** _____**D. Energy Factor** _____**E. Gallons** _____**F. Pilot Btu/hr** _____**G. Thermal Eff.** _____**H. Auxiliary Input** (check one or both)

- ☐ Wood Stove
- ☐ Solar, Active or Passive

I. Distribution System (check one)

- ☐ Standard
- ☐ Hot Water Recovery (HWR)
- ☐ Point of Use (POU)
- ☐ Pipe Insulation (PI)
- ☐ Recirculation: No Control
- ☐ Recirculation: Timer
- ☐ Recirculation: Temp.
- ☐ Recirculation: Time/Temp.
- ☐ Recirculation: Demand
- ☐ HWR + Recirculation: Demand
- ☐ PI + Recirculation: Demand

Energy Use Calculation

- 1a. Standard Recovery Load _____
(from Table 6-5 or DHW 2a or 2b)
- 1b. Distribution Credit/Penalty _____
(from Table 6-6)
- 1c. Solar Energy Credit _____
(from DHW-4)
- 1d. Adjusted Recovery Load _____
(1a - 1b - 1c)
- 2a. Basic Energy Use _____
(from Table 6-7)
- 2b. Wood Stove Boiler Credit _____
(from DHW-4)
- 2c. **Proposed Energy Use**
(2a - 2b)
- 3. **Standard Energy Use**
(from Table 6-5)

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(from Table 6-5)

4. **For Prescriptive Compliance** (one water heater per dwelling): Line 2c must not exceed Line 3